Braison Minodi
Software Engineer

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Professional Profile

A backend-focused Software Engineer with deep expertise in architecting and building high-stakes, secure financial systems. Proven ability to engineer complex, rule-based data models (amortization schedules, payment systems) and implement robust, scalable backend solutions for sensitive data handling. My experience in lending, fund management, and cross-border fintech is directly applicable to building trustworthy, high-integrity platforms for sectors like election polling, where precision, security, and transparency are paramount.

Work Experience

Backend Engineer | Paysoko Inc. (Remote)

January 2025 – Present

Architected critical backend systems for a US-based lending and fund management platform serving CDFIs and banks, handling sensitive financial data with precision and compliance.

Engineered Complex Data Models: Built a flexible engine for multiple types of loan amortization schedules, ensuring 100% accurate financial calculations—a skill directly transferable to complex poll analytics and demographic modeling.

Built Secure Processing Systems: Designed and implemented robust payment structures and transaction workflows, streamlining processing and enhancing user experience for high-value transactions.

Pioneered Secure Documentation: Developed a templating subsystem and integrated DocuSign for electronic signatures, creating a verifiable audit trail and ensuring data integrity—directly applicable to generating secure, tamper-proof ballots and reports.

Web & Mobile Developer (Contract) | Treeco & Treeco Fund

April 2023 – January 2024

Built a financial application from inception for disbursing and collecting funds to groups (farmers, teachers), demonstrating full-stack capability with Flutter and Angular.

Mobile Application Engineer | Moja (Fintech - London, US, Kenya)

January 2023 – December 2023

Led the complete cross-platform re-engineering of a native Android app to Flutter, enabling simultaneous iOS/Android deployment and integrating multi-currency support

(USD, GBP, CAD, KES).

Restructured the app's core architecture using reactive programming to enable real-time data updates, critical for any high-engagement, live-data platform.

Software Developer | Cloud Apex
July 2020 – July 2022

Increased inventory visibility by 27% by designing a real-time inventory tracking API using Django.

Achieved a 47% reduction in Android app size for a client by leading a full migration from XML to Jetpack Compose.

Built the backend for an e-commerce platform (Raia Kitchenware) using Django.

Skills

Being an expert in Laravel, Django, Kotlin, React, Flutter and other mobile technologies, here are my area of expertise:

- Android – Kotlin
- Java - Spring Boot
- Testing and Maintenance
- UI/UX
- System Design
- Web development – React, Angular
- AndroidX Jetpack Components.
- RxJava
- Dagger2
- Mobile development - Flutter
- Rx Dart
- PHP - Laravel
- API Development.
- Django, Python
- Play console

Projects

Paysoko Lending Platform: A secure, scalable financial system for US banks. (Laravel, Financial Modeling)

Moja Fintech App: A cross-border, multi-currency group savings application. Google Play (Flutter, Spring Boot) https://play.google.com/store/apps/details?id=com.withmoja

TreecoFund: A financial disbursement application for agricultural and educational groups. (Flutter, Angular)

Cellular Kenya (e-commerce) – https://cellularkenya.co.ke

Arabian Restaurant - https://cafearabian.com

Moment Restaurant - https://momentrestaurant.com

TreecoFund https://treecofundapp.com

Muma Leadership https://mumaleadership.com

Education.

Mount Kenya University
September 2018 - December 2022
B.Sc. Information Technology Thika, Kenya.

Language
English
Swahili
German

Referees.
William Gurney
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